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Abstract:

The present invention relates to a washing machine including a casing, an outer tub equipped in the casing, a spin basket rotatably installed in the outer tub by a spin basket shaft, for accommodating laundry, a pulsator installed in the spin basket, for generating water current, and a driving motor for rotatably driving the pulsator through a driving shaft that is concentric with the spin basket shaft. The washing machine is characterized by further comprising: a fixing clutch member coupled to and rotatable along with the spin basket shaft; an operable clutch member rotating along with the driving shaft slidably movable along an axial direction and integrally and rotatably engaged with the fixing clutch member in a descending state; and a buoyancy body connected with the operable clutch member, accommodated in the pulsator and ascending or descending depending on water level. According to the inventive washing machine, the number of parts related with power transmission is reduced so that the construction of the washing machine is made simple. Also, by simplifying the clutch structure, the washing machine enabling to switch the driving force with reliability is provided.

Fig.1

attached



Fig. 1

